22 707/10   (12 OR, 10 XR)
    Class 707 : DATA PROCESSING: DATABASE AND FILE
                MANAGEMENT, DATA STRUCTURES, OR DOCUMENT PROCESSING
    707/1   DATABASE OR FILE ACCESSING
    707/10   .Distributed or remote access

12 707/1   (2 OR, 10 XR)
    Class 707 : DATA PROCESSING: DATABASE AND FILE
                MANAGEMENT, DATA STRUCTURES, OR DOCUMENT PROCESSING
    707/1   DATABASE OR FILE ACCESSING

11 707/104.1   (3 OR, 8 XR)
    Class 707 : DATA PROCESSING: DATABASE AND FILE
                MANAGEMENT, DATA STRUCTURES, OR DOCUMENT PROCESSING
    707/100   DATABASE SCHEMA OR DATA STRUCTURE
    707/104.1   .Application of database or data structure
           (e.g., distributed, multimedia, image)

9 707/103R   (8 OR, 1 XR)
    Class 707 : DATA PROCESSING: DATABASE AND FILE
                MANAGEMENT, DATA STRUCTURES, OR DOCUMENT PROCESSING
    707/100   DATABASE SCHEMA OR DATA STRUCTURE
    707/103R   .Object-oriented database structure

8 707/100   (2 OR, 6 XR)
    Class 707 : DATA PROCESSING: DATABASE AND FILE
                MANAGEMENT, DATA STRUCTURES, OR DOCUMENT PROCESSING
    707/100   DATABASE SCHEMA OR DATA STRUCTURE

7 709/223   (3 OR, 4 XR)
    Class 709 : ELECTRICAL COMPUTERS AND DIGITAL PROCESSING
                SYSTEMS: MULTIPLE COMPUTER OR PROCESS COORDINATING
    709/200   MULTICOMPUTER DATA TRANSFERRING
    709/223   .Computer network managing

6 370/254   (4 OR, 2 XR)
    Class 370 : MULTIPLEX COMMUNICATIONS
    370/254   NETWORK CONFIGURATION DETERMINATION

6 707/101   (3 OR, 3 XR)
    Class 707 : DATA PROCESSING: DATABASE AND FILE

MANAGEMENT, DATA STRUCTURES, OR DOCUMENT PROCESSING
707/100 DATABASE SCHEMA OR DATA STRUCTURE
707/101 .Manipulating data structure (e.g.,
compression, compaction, compilation)

6 707/3 (0 OR, 6 XR)
Class 707 : DATA PROCESSING: DATABASE AND FILE
    MANAGEMENT, DATA STRUCTURES, OR DOCUMENT PROCESSING
707/1 DATABASE OR FILE ACCESSING
707/3 .Query processing (i.e., searching)

5 707/102 (1 OR, 4 XR)
Class 707 : DATA PROCESSING: DATABASE AND FILE
    MANAGEMENT, DATA STRUCTURES, OR DOCUMENT PROCESSING
707/100 DATABASE SCHEMA OR DATA STRUCTURE
707/102 .Generating database or data structure (e.g.,
via user interface)

5 707/2 (2 OR, 3 XR)
Class 707 : DATA PROCESSING: DATABASE AND FILE
    MANAGEMENT, DATA STRUCTURES, OR DOCUMENT PROCESSING
707/1 DATABASE OR FILE ACCESSING
707/2 .Access augmentation or optimizing

5 707/203 (1 OR, 4 XR)
Class 707 : DATA PROCESSING: DATABASE AND FILE
    MANAGEMENT, DATA STRUCTURES, OR DOCUMENT PROCESSING
707/200 FILE OR DATABASE MAINTENANCE
707/201 .Coherency (e.g., same view to multiple users)

707/203 ..Version management

5 707/9 (2 OR, 3 XR)
Class 707 : DATA PROCESSING: DATABASE AND FILE
    MANAGEMENT, DATA STRUCTURES, OR DOCUMENT PROCESSING
707/1 DATABASE OR FILE ACCESSING
707/9 .Privileged access

5 709/224 (3 OR, 2 XR)
Class 709 : ELECTRICAL COMPUTERS AND DIGITAL PROCESSING
    SYSTEMS: MULTIPLE COMPUTER OR PROCESS COORDINATING
709/200 MULTICOMPUTER DATA TRANSFERRING
709/223 .Computer network managing
709/224 ..Computer network monitoring

4 707/4   (3 OR, 1 XR)
   Class 707 : DATA PROCESSING: DATABASE AND FILE
         MANAGEMENT, DATA STRUCTURES, OR DOCUMENT   PROCESSING
   707/1   DATABASE OR FILE ACCESSING
   707/3   .Query processing (i.e., searching)
   707/4   ..Query formulation, input preparation, or
      translation

4 709/220   (2 OR, 2 XR)
   Class 709 : ELECTRICAL COMPUTERS AND DIGITAL PROCESSING
         SYSTEMS: MULTIPLE COMPUTER OR PROCESS   COORDINATING
   709/200   MULTICOMPUTER DATA TRANSFERRING
   709/220   .Network computer configuring

4 709/221   (1 OR, 3 XR)
   Class 709 : ELECTRICAL COMPUTERS AND DIGITAL PROCESSING
         SYSTEMS: MULTIPLE COMPUTER OR PROCESS   COORDINATING
   709/200   MULTICOMPUTER DATA TRANSFERRING
   709/220   .Network computer configuring
   709/221   ..Reconfiguring

3 705/29   (2 OR, 1 XR)
   Class 705 : DATA PROCESSING: FINANCIAL, BUSINESS
         PRACTICE, MANAGEMENT, OR COST/PRICE DETERMINATION
   705/1   AUTOMATED ELECTRICAL FINANCIAL OR BUSINESS
      PRACTICE OR MANAGEMENT ARRANGEMENT
   705/28   .Inventory management
   705/29   ..Itemization of parts, supplies, or services
      (e.g., bill of materials)

3 707/8   (0 OR, 3 XR)
   Class 707 : DATA PROCESSING: DATABASE AND FILE
         MANAGEMENT, DATA STRUCTURES, OR DOCUMENT   PROCESSING
   707/1   DATABASE OR FILE ACCESSING
   707/8   .Concurrency (e.g., lock management in shared
      database)

3 709/218   (0 OR, 3 XR)
   Class 709 : ELECTRICAL COMPUTERS AND DIGITAL PROCESSING
         SYSTEMS: MULTIPLE COMPUTER OR PROCESS   COORDINATING
   709/200   MULTICOMPUTER DATA TRANSFERRING
   709/217   .Remote data accessing
   709/218   ..Using interconnected networks

2 345/866   (1 OR, 1 XR)

Class 345 : COMPUTER GRAPHICS PROCESSING, OPERATOR
        INTERFACE PROCESSING, AND SELECTIVE VISUAL DISPLAY
        SYSTEMS
345/700   OPERATOR INTERFACE (E.G., GRAPHICAL USER
        INTERFACE)
345/866   .Miscellaneous customization or adaptation

2 345/964   (0 OR, 2 XR)
Class 345 : COMPUTER GRAPHICS PROCESSING, OPERATOR
        INTERFACE PROCESSING, AND SELECTIVE VISUAL DISPLAY
        SYSTEMS
345/961   OPERATOR INTERFACE WITH VISUAL STRUCTURE OR
        FUNCTION DICTATED BY INTENDED USE
345/964   .CAD or CAM (e.g., interactive design tools)

2 455/428   (2 OR, 0 XR)
Class 455 : TELECOMMUNICATIONS
455/403   RADIOTELEPHONE SYSTEM
455/422   .Zoned or cellular telephone system
455/427   ..Space satellite
455/428   ...Switching or routing

2 455/430   (0 OR, 2 XR)
Class 455 : TELECOMMUNICATIONS
455/403   RADIOTELEPHONE SYSTEM
455/422   .Zoned or cellular telephone system
455/427   ..Space satellite
455/430   ...Ground station control

2 700/107   (1 OR, 1 XR)
Class 700 : DATA PROCESSING: GENERIC CONTROL SYSTEMS OR
        SPECIFIC APPLICATIONS
700/90   SPECIFIC APPLICATION, APPARATUS OR PROCESS
700/95   .Product assembly or manufacturing
700/97   ..Design or planning
700/106   ...Material requirement
700/107   ....Bill of material

2 700/17   (1 OR, 1 XR)
Class 700 : DATA PROCESSING: GENERIC CONTROL SYSTEMS OR
        SPECIFIC APPLICATIONS
700/1   GENERIC CONTROL SYSTEM, APPARATUS OR PROCESS
700/11   .Sequential or selective
700/17   ..Operator interface (e.g., display with
        control)

2 700/83   (1 OR, 1 XR)
    Class 700 : DATA PROCESSING: GENERIC CONTROL SYSTEMS OR
              SPECIFIC APPLICATIONS
    700/1   GENERIC CONTROL SYSTEM, APPARATUS OR PROCESS
    700/83   .Having operator control interface (e.g.,
          control/display console)

2 700/97   (1 OR, 1 XR)
    Class 700 : DATA PROCESSING: GENERIC CONTROL SYSTEMS OR
              SPECIFIC APPLICATIONS
    700/90   SPECIFIC APPLICATION, APPARATUS OR PROCESS
    700/95   .Product assembly or manufacturing
    700/97   ..Design or planning

2 703/1   (2 OR, 0 XR)
    Class 703 : DATA PROCESSING: STRUCTURAL DESIGN,
              MODELING, SIMULATION, AND EMULATION
    703/1   STRUCTURAL DESIGN

2 705/1   (0 OR, 2 XR)
    Class 705 : DATA PROCESSING: FINANCIAL, BUSINESS
              PRACTICE, MANAGEMENT, OR COST/PRICE DETERMINATION
    705/1   AUTOMATED ELECTRICAL FINANCIAL OR BUSINESS
          PRACTICE OR MANAGEMENT ARRANGEMENT

2 705/53   (0 OR, 2 XR)
    Class 705 : DATA PROCESSING: FINANCIAL, BUSINESS
              PRACTICE, MANAGEMENT, OR COST/PRICE DETERMINATION
    705/50   BUSINESS PROCESSING USING CRYPTOGRAPHY
    705/51   .Usage protection of distributed data files
    705/52   ..Usage or charge determination
    705/53   ...Including third party for collecting or
          distributing payment (e.g., clearinghouse)

2 705/57   (1 OR, 1 XR)
    Class 705 : DATA PROCESSING: FINANCIAL, BUSINESS
              PRACTICE, MANAGEMENT, OR COST/PRICE DETERMINATION
    705/50   BUSINESS PROCESSING USING CRYPTOGRAPHY
    705/51   .Usage protection of distributed data files
    705/57   ..Copy protection or prevention

2 705/7   (1 OR, 1 XR)
    Class 705 : DATA PROCESSING: FINANCIAL, BUSINESS
              PRACTICE, MANAGEMENT, OR COST/PRICE DETERMINATION
    705/1   AUTOMATED ELECTRICAL FINANCIAL OR BUSINESS

PRACTICE OR MANAGEMENT ARRANGEMENT
705/7   .Operations research

2 705/8   (0 OR, 2 XR)
     Class 705 : DATA PROCESSING: FINANCIAL, BUSINESS
                 PRACTICE, MANAGEMENT, OR COST/PRICE DETERMINATION
     705/1   AUTOMATED ELECTRICAL FINANCIAL OR BUSINESS
                 PRACTICE OR MANAGEMENT ARRANGEMENT
     705/7   .Operations research
     705/8   ..Allocating resources or scheduling for an
                 administrative function

2 706/921   (0 OR, 2 XR)
     Class 706 : DATA PROCESSING: ARTIFICIAL INTELLIGENCE
     706/902   APPLICATION USING AI WITH DETAIL OF THE AI
                 SYSTEM
     706/919   .Designing, planning, programming, CAD, CASE
     706/921   ..Layout (e.g., circuit, construction)

2 707/200   (1 OR, 1 XR)
     Class 707 : DATA PROCESSING: DATABASE AND FILE
                 MANAGEMENT, DATA STRUCTURES, OR DOCUMENT PROCESSING
     707/200   FILE OR DATABASE MAINTENANCE

2 707/5   (0 OR, 2 XR)
     Class 707 : DATA PROCESSING: DATABASE AND FILE
                 MANAGEMENT, DATA STRUCTURES, OR DOCUMENT PROCESSING
     707/1   DATABASE OR FILE ACCESSING
     707/3   .Query processing (i.e., searching)
     707/5   ..Query augmenting and refining (e.g., inexact
                 access)

2 707/6   (2 OR, 0 XR)
     Class 707 : DATA PROCESSING: DATABASE AND FILE
                 MANAGEMENT, DATA STRUCTURES, OR DOCUMENT PROCESSING
     707/1   DATABASE OR FILE ACCESSING
     707/3   .Query processing (i.e., searching)
     707/6   ..Pattern matching access

2 709/201   (1 OR, 1 XR)
     Class 709 : ELECTRICAL COMPUTERS AND DIGITAL PROCESSING
                 SYSTEMS: MULTIPLE COMPUTER OR PROCESS COORDINATING
     709/200   MULTICOMPUTER DATA TRANSFERRING
     709/201   .Distributed data processing

2 709/216   (0 OR, 2 XR)
    Class 709 : ELECTRICAL COMPUTERS AND DIGITAL PROCESSING
            SYSTEMS: MULTIPLE COMPUTER OR PROCESS COORDINATING
    709/200   MULTICOMPUTER DATA TRANSFERRING
    709/213   .Multicomputer data transferring via shared
            memory
    709/216   ..Accessing another computer's memory

2 709/222   (1 OR, 1 XR)
    Class 709 : ELECTRICAL COMPUTERS AND DIGITAL PROCESSING
            SYSTEMS: MULTIPLE COMPUTER OR PROCESS COORDINATING
    709/200   MULTICOMPUTER DATA TRANSFERRING
    709/220   .Network computer configuring
    709/222   ..Initializing

2 709/226   (1 OR, 1 XR)
    Class 709 : ELECTRICAL COMPUTERS AND DIGITAL PROCESSING
            SYSTEMS: MULTIPLE COMPUTER OR PROCESS COORDINATING
    709/200   MULTICOMPUTER DATA TRANSFERRING
    709/223   .Computer network managing
    709/226   ..Network resource allocating

2 710/10   (0 OR, 2 XR)
    Class 710 : ELECTRICAL COMPUTERS AND DIGITAL DATA
            PROCESSING SYSTEMS: INPUT/OUTPUT
    710/1   INPUT/OUTPUT DATA PROCESSING
    710/8   .Peripheral configuration
    710/10   ..Configuration initialization

2 713/202   (2 OR, 0 XR)
    Class 713 : ELECTRICAL COMPUTERS AND DIGITAL PROCESSING
            SYSTEMS: SUPPORT
    713/200   SECURITY
    713/202   .Password

2 714/38   (1 OR, 1 XR)
    Class 714 : ERROR DETECTION/CORRECTION AND FAULT
            DETECTION/RECOVERY
    714/100   DATA PROCESSING SYSTEM ERROR OR FAULT HANDLING

    714/1   .Reliability and availability
    714/25   ..Fault locating (i.e., diagnosis or testing)

    714/37   ...Analysis (e.g., of output, state, or design)

714/38   ....Of computer software

2 717/100 (0 OR, 2 XR)
  Class 717 : DATA PROCESSING: SOFTWARE DEVELOPMENT,
      INSTALLATION, AND MANAGEMENT
  717/100   SOFTWARE PROGRAM DEVELOPMENT TOOL (E.G.,
      INTEGRATED CASE TOOL OR STAND-ALONE DEVELOPMENT TOOL)